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aaa agg aac aag atc agc aaa gaa tgc cag cag gtg tcc gga gtg Lys Arg Asn Lys Ile Ser Lys Glu Cys Gln Gln Val Ser Gly Val 10 15 20	-
tcc caa gag acg atc gac aaa gtc cgc aca ggt gtc ttg gtc gat Ser Gln Glu Thr Ile Asp Lys Val Arg Thr Gly Val Leu Val Asp 25 30 35	;
gat ccc aaa atg aag aag cac gtc ctc tgc ttc tcg aag aaa act Asp Pro Lys Met Lys Lys His Val Leu Cys Phe Ser Lys Lys Thr 40 45 50	•
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gcc aag ctg aag cat gtg gcc agc gac gaa gaa gtg gac aag atc Ala Lys Leu Lys His Val Ala Ser Asp Glu Glu Val Asp Lys Ile 70 75 80	-
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Cys Phe Ser Lys Lys Thr Gly Val Ala Thr Glu Ala Gly Asp Thr Asn 50 55 60

Val Glu Val Leu Lys Ala Lys Leu Lys His Val Ala Ser Asp Glu Glu
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cgg cac gag Arg His Glu				Leu							231
ctc att ctg Leu Ile Leu											276
gag aaa ctg Glu Lys Leu											321
gtg tcg caa Val Ser Gln											366
gac gat cct Asp Asp Pro											411
gcc ggt ctg Ala Gly Leu											456
agg gag aag Arg Glu Lys											501
aaa atc atc Lys Ile Ile											546
acg gtg ttc Thr Val Phe			_	_	_			_		-	591
ttc tca cca Phe Ser Pro		tga acc	accad	cga (	ctag	taga	tg g	ttca	aatg	g	639
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aaaaaaaaaa a	aactcgag	ag tattc	tagaç	g cg	gccg	cggg	ccc	atcg	ttt		739

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- Gly Ser Glu Phe Ala Arg Ala Lys Met Lys Leu Leu Cys Cys Leu Ile
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- Pro Lys Leu Lys Arg Gln Val Phe Cys Val Ala Arg Asn Ala Gly Leu 40 45 50
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- Arg Lys Val Thr Asp Asn Asp Glu Glu Thr Glu Lys Ile Ile Asn Lys
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				acc Thr						Asp						276
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Gly	Leu	Thr	Glu	Ala	Gln	Ile	Glu	Lys	Leu	Asn	Lys	Ile	Ser	Lys	Lys	
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Thr 80	Glu	Lys	Ile	Ile	Asn 85	Lys	Cys	Ala	Val	Lys 90	Arg	Asp	Thr	Val	Glu 95	
Glu	Thr	Val	Phe	Asn 100	Thr	Phe	Lys	Cys	Val 105	Met	Lys	Asn	Lys	Pro 110	Lys	
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Ala 55	Thr	Glu	Ala	Gly	Asp 60	Thr	Asn	Val	Glu	Val 65	Leu	Lys	Ala	Lys	Leu 70	
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Arg Thr Gly V	al Leu Val 35	Asp Asp Pr	o Lys Met Lys 40		al Leu 5
Cys Phe Ser L		Gly Val Al		a Gly Asp T 60	hr Asn
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Val	Asp 80	Lys	Ile	Val	Gln	Lys 85	Cys	Val	Val	Lys	Lys 90	Ala	Thr	Pro	Glu	
G1u 95	Thr	Ala	Tyr	_	Thr L00	Phe	Lys	Cys		Tyr 105	Asp	Ser	Lys	Pro	Asp 110	
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cac gtc ctc tgc ttc tcg aag aaa act gga gtg gca acc gaa gcc His Val Leu Cys Phe Ser Lys Lys Thr Gly Val Ala Thr Glu Ala 45 50 55	411
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30 35

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Lys	His	Val	Ala	Ser 75	Asp	Glu	Glu	Val	Asp 80	Lys	Ile	Val	Gln	Lys 85	Cys	
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aag	gugu						Ser E		His H			lis l				, ,
agc	ggc	ctg	gtg	det (	Sly :	Ser S	Ser E	His I -30 cat		His I	His H	dis l	His -25 act	Ser ggt		141
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			_		_	aaa Lys		_			_	_	-	~ ~	_	181
						cac His					.,					226
						gga Gly										271
						gcc Ala										316
						aag Lys										361
	_			_		att Ile		_	_			~				406
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ccy aaa ntg aar nr Pro Lys Met Lys Ly 40		•		226								
ntg gcn acn gaa nc Val Ala Thr Glu Al 55				271								
aag ntg arg nan gt Lys Leu Lys His Va 70	_		-	316								
rtn nan aag tgc gy Val Gln Lys Cys Va 85	-			361								
tny ray acy ttc aa Tyr Asp Thr Phe Ly 100				406								
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ccy aaa ntg aar nnn can nty yty tgc ntn nyn arg rnn nyy grn Pro Lys Met Lys Lys His Val Leu Cys Phe Ser Lys Lys Thr Gly 40 45 50	226										
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nyn nrn arn nnn nnn nnn nng arn rnn nyn nnn rar rnr nnn nnn Val Gln Lys Cys Val Val Lys Lys Ala Thr'Pro Glu Glu Thr Ala 85 90 95	361										
tnn ran nyn yyn aan nnn nny nnn rrn ann arn ccn rnn tyy tyn Tyr Asp Thr Phe Lys Cys Ile Tyr Asp Ser Lys Pro Asp Phe Ser 100 105 110	406										
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ntn ntn ryc nnr ryy yan gcy ntn acy nan rna nnn nnn nag nnr 91											

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ı	K
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Ile	Val	Ile -5	Gly	Ala	Gln	Ala	Leu 1	Thr	Asp	Glu	Gln 5	Ile	Gln	Lys	
					rnn Lys										136
	-	_			arr Lys		_		_	_					181
					can His										226
	_		_		ggn Gly	_	_		_	_					271
		_			nnn Ala						_				316
_					nnn Val	_			-						361
		_			nnn Cys	_					_				406
	nyn Ile 115		trn	nnn	nnnnı	nnn g	ynnrı	າກກນ	nn ni	nnnni	nnaa	t aa	annni	nnnn	458
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 Cys
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